

AGER Recombinant antibody

Cat:B36246S**Company:** HaoKebio**Uniprot ID:**Q63495**Applications:** IHC:1:500-1:2000**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity:Mouse Rat

IHC-TSA:1:2500-1:10000

Molecular Weight Calculation: 43 kDa

IF:1:50-1:100

Observed Molecular Weight: 43 kDa

WB:1:5000-1:50000

Background:

Advanced glycosylation end product-specific receptor (AGER, also known as RAGE) is a member of the immunoglobulin superfamily of cell surface receptors, which interacts with distinct families of ligands, mediating diverse functions in a broad array of cell types including cellular migration, proliferation, survival and apoptosis. It senses endogenous stress signals with a broad ligand repertoire including advanced glycation end products, S100 proteins, high-mobility group box 1 protein/HMGB1, amyloid beta/APP oligomers, nucleic acids, phospholipids and glycosaminoglycans. It interacts with distinct molecules implicated in homeostasis, development, inflammation, and certain diseases such as diabetes and Alzheimer's disease.

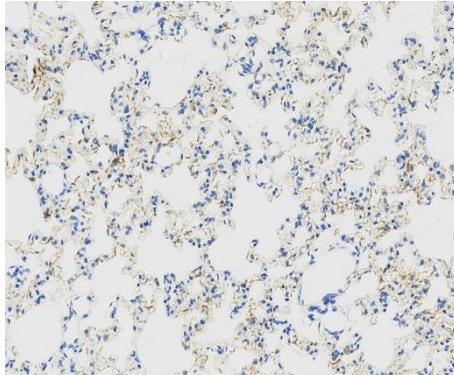
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:

Sample: Mouse lung, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:AGER(B36246S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:AGER(B36246S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Synonyms:

AGER, RAGE, 240706C3, Advanced glycosylation end product-specific receptor

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane,Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer: